			Atty. Docket No.	Serial N	lo.: To be as	signed
Form PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent & Trademark Office		Q65888	Confirmation No.: To be assigned		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Hiroyuki KINUGAWA, et al.				
			Filing Date: September 28, 2001	Group:	scianed	1722
		IIS PATE	NT DOCUMENTS	-10 0C a	ssigned	1 ca
Examiner	Document Number	Date	Name	Class	Sub-	Filing Date
Initial	Document Number	Date	Traine	Ciass	Class	(if appropriate)
11111111	 	<u> </u>				
						P TO
						96
						\$ 46 0
				<u> </u>		96/
						ம்ல 🚍 க
						770
				<u> </u>		" =
		_				·
				-		
						
		-				
		-		 	-	
		FORFIGN PA	TENT DOCUMENTS	1-10		
	Danner	Date	Country	Class	Sub-	Translation
	Document	Date	Country	Class	class	Yes/No
TOH.	53-11954	02/02/1978	Japan			
Tevis	9-225975 J	09/02/1997	Japan			
TWH	3-193428	08/23/1991	Japan			
TWH	9-94851	04/08/1997	Japan			
, , , , , , , , , , , , , , , , , , ,				_		
		ļ			-	
	OTHER DOCUME	ENTS (Including	Author, Title, Date, Per	rtinent Pages	s, Etc.)	
						
, , , , , , , , , , , , , , , , , , , ,			· · · · · · · · · · · · · · · · · · ·			
EVALUED -7			DATE CONCIDENCE	<u> </u>	// A 3	
EXAMINER: Tim	1 Heithrink		DATE CONSIDEREI	J. 2-/	4-03	
EXAMINER: Initi	ial if citation considered, w	hether or not ci	tation is in conformance	with MPEP	609: draw 1	ine through citation if
	nd not considered. Include				, 	

Substitute for Form 1449 A·& B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

(use as	s many	sheets	as	necessary)

E Comp	lete if Known		
Application Number	09/964,694		
Confirmation Number	2938		
Filing Date	September 28, 2001		
First Named Inventor	Hiroyuki KINUGAWA		
Art Unit	1722		
Examiner Name	To be assigned Tim Heit brink		
Attorney Docket Number	Q65888		

U.S. PATENT DOCUMENTS							
Examiner Cite Initials* No.1		Document	Document Number				
	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US		1			

			FC	REIGN PA	TENT DOCUM	ENTS	
Examiner Cite Initials* No.1	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
TWH		JP	05-193263 🗸	Α	08/03/1993	DAINIPPON PRINTING CO LTD	abstract
TWH		DE	694 16 356 🎍	T2	2/8/1995		no
TWH		JP	09225975 ~	Α	09/02/1997	SEKISUI CHEM CO LTD.	abstract
·							
						V ₁	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
RUH		Von DiplIng. Hans Gastrow et al., <u>Der Spritzgieß-Werkzeugbau in Beispielen (examples of tool manufacture for injection molding)</u> , pages 83, 84, 1975	no
			<u> </u>

	1		
Examiner Signature Line Kleithrink		Date Considered	2-14-03

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.